

- 1                    46. (new) The method of claim 45 further comprising receiving an  
2    assertion of the one activation input and transmitting an activation signal based on  
3    the stored characteristics.


### **Remarks**

This preliminary amendment is filed together with a continuation application claiming priority to an application titled "User-Assisted Programmable Appliance Control," by Mark D. Chuey, filed July 30, 2003, for which the serial number is not yet known. Claims 1-30 have been cancelled and new claims 31-46 have been added. The specification has been amended to add a claim of priority and to change the invention summary and abstract to better reflect the new claims. Applicants believe that no new matter has been added by this amendment. Support for these changes is contained, for example, on pages 18-21 of the specification and in Figures 13-16.

The Examiner is invited to contact the undersigned regarding any aspect of this case.

Respectfully submitted,

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Attachment: Replacement Abstract

## ABSTRACT OF THE DISCLOSURE

A universal remote control interacts with a user to assist in training to one or more appliances. If the appliance is activated by a rolling code activation signal, a sequence of different rolling code activation signals is transmitted until the user indicates a successful transmission. If the appliance is activated by a fixed code activation signal, a fixed code word is used to generate and transmit each of a sequence of different fixed code activation signals until the user indicates a successful transmission. At least one of the sequences of activation signals inserts a preset amount of time after each activation signal transmission. If user input is not received within the preset amount of time, the next activation signal in the sequence is transmitted.